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Substitute for form 1449A/PTO

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/804,787
Filing Date	March 19, 2004
First Named Inventor	Jeffery A. Hubbell
Group Art Unit	1773
Examiner Name	
Attorney Docket Number	CIT 2616 CON

Sheet 1 of 6

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
MJ		4,360,646		Denkewalter, et al.	11-23-1982	
MJ		4,822,867		Erhan	04-18-1989	
MJ		4,886,836		Gsell, et al.	12-12-1989	
MJ		5,250,613		Bergstrom et al.	10-05-1993	
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MJ		5,414,075		Swan, et al.	05-09-1995	
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MJ		5,462,990		Hubbell, et al.	10-31-1995	
MJ		5,470,731		Cochrum	11-28-1995	
MJ		5,507,804		Llanos	04-16-1996	
MJ		5,512,492		Herron, et al.	04-30-1996	
MJ		5,543,326		Heller, et al.	08-06-1996	
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MJ		5,658,622		Berlin, et al.	08-19-1997	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
MJ		GB	0 798 604		Du Pont	07-23-1958		
MJ		EP	0 561 239		Bayer AG	09-22-1993		
MJ		EP	0 622 179		Tetra Laval Holdings & Finance S.A.	11-02-1994		
MJ		EP	0 762 122		Bayer AG	03-12-1997		
MJ		PCT	WO 91/07951		Trancel Corporation	06-13-1991		

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Sheet 2 of 6	Attorney Docket Number CIT 2616 CON				

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MJ		5,776,747		Schinstine, et al.	07-07-1998	
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MJ		6,093,558		Seed, et al.	09-25-2000	
MJ		6,121,027		Clapper, et al.	09-19-2000	
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MJ		6,248,127		Shah, et al.	06-19-2001	
MJ		6,258,870		Hubbell, et al.	07-10-2001	
MJ		6,265,016		Hostettler, et al.	07-24-2001	

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MJ		PCT	WO 92/06678		Board of Regents, the University of Texas System	04-30-1992	
MJ		PCT	WO 93/07298		Abbott Laboratories	04-15-1993	
MJ		PCT	WO 93/24076		The Regents of the University of California	12-09-1993	
MJ		PCT	WO 94/27137		University of Utah Research Foundation	11-24-1994	
MJ		PCT	WO 95/02397		The Regents of the University of California	01-26-1995	

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MJ		6,284,503		Caldwell, et al.	09-04-2001	
MJ		6,287,558		Lanza, et al.	09-11-2001	
MJ		6,291,216		Muller, et al.	09-18-2001	
MJ		6,303,136		Li, et al.	10-16-2001	
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		Office.*	Number*	Kind Code <sup>5</sup> (If known)				
MJ		PCT	WO 95/09883		Board of Regents, the University of Texas System	04-13-1995		
MJ		PCT	WO 98/46351		University of British Columbia	10-22-1998		
MJ		PCT	WO 98/47948 A1		California Institute of Technology	10-29-1998		

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				Filing Date		March 19, 2004
				First Named Inventor		Jeffery A. Hubbell
				Group Art Unit		1773
				Examiner Name		
Sheet	4	of	6	Attorney Docket Number		CIT 2616 CON

OTHER ART - NON PATENT LITERATURE DOCUMENTS				
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
MJ		ARNOLD & RECHNITZ, "Selectivity enhancement of a tissue-based adenosine-sensing membrane electrode," <i>Anal. Chem.</i> 53(3):515-8 (1981).		
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		First Named Inventor	Jeffery A. Hubbell
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Sheet 5 of 6	Attorney Docket Number	CIT 2616 CON	

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Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
MJ		LABARCA, et al., "A simple, rapid, and sensitive DNA assay procedure," <i>Anal. Biochem.</i> 102(2):344-52 (1980).	
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MJ		RAMSDEN, Review of new experimental techniques for investigating random sequential adsorption," <i>Journal of Statistical Physics</i> 73 (5/6):853-877 (1993).	
MJ		RECHNITZ, et al., "Glutamine-selective membrane electrode that uses living bacterial cells," <i>Science</i> 199(4327):440-1 (1978).	
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MJ		SUDO, et al., "In vitro differentiation and calcification in a new clonal osteogenic cell line derives from newborn mouse calvaria", <i>J. Cell. Biol.</i> , 96(1):191-8 (1983).	
MJ		YAMAMOTO, "Cytotoxicity evaluation of 43 metal salts using murine fibroblasts and osteoblastic cells," <i>J. Biomed. Mater. Res.</i> 39(2):331-40 (1998).	

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				Filing Date		January 6, 2000
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M.T.		4,410,688		Denkewalter, et al.	10-18-1983	
M.T.		5,126,141		Henry	06-30-1992	
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M.T.		5,908,624		Scott, et al.	06-01-1999	
M.T.		6,013,855		McPherson, et al.	01-11-2000	
M.T.		6,129,912		Hortin, et al.	10-10-2000	
M.T.		6,150,472		Engbers	11-21-2000	
M.T.		6,312,685		Fisher, et al.	11-06-2001	

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M.T.		PCT	WO 97/28254		Biomedical Frontiers, Inc.	08-07-1997	

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MJ		AHARONI & MURTHY, "Spherical non-draining boc-poly (α,ε-L-lysine) macromolecules: SAXS and viscosity studies," <i>Polym. Comm.</i> 24: 132-136 (1983).	
MJ		AHARONI, et al., "Size and solution properties of globular <i>tert</i> -butoxycarbonyl-poly (α,ε-L-lysine)," <i>Macromolecules</i> 15: 1093-1098 (1982).	
MJ		ATASSI & MANSHOURI, "Synthesis of tolerogenic monomethoxypolyethylene glycol and polyvinyl alcohol conjugates of peptides," <i>J. Prot. Chem.</i> 10: 623-627 (1991).	
MJ		BOGDANOV, et al., "A new macromolecule as a contrast agent for MR angiography: preparation, properties, and animal studies," <i>Radiology</i> 187(3): 701-706 (1993).	
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MJ		BRINK, et al., "Using poly(ethylene imine) to graft poly(ethylene glycol) or polysaccharide to polystyrene," <i>Colloids &amp; Surfaces</i> 66: 149-156 (1992).	
MJ		CHAPMAN, et al., "Hydraamphiphiles: novel linear dendritic block copolymer surfactants," <i>J. Am. Chem. Soc.</i> 116: 11195-11196 (1994).	
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MJ		CLEGG, et al., "Carrier design: biodistribution of branched polypeptides with a poly(L-lysine) backbone," <i>Bioconj. Chem.</i> 1: 425-430 (1990).	
MJ		CRESCENZI, et al., "Novel types of polysaccharide assemblies," <i>Macromol. Chem. Phys.</i> 196: 2873-2880 (1995).	

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		Application Number	09/403,428
		Filing Date	January 6, 2000
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
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MJ		DECHER & HONG, "Buildup of ultrathin multilayer films by a self-assembly process: II. Consecutive adsorption of anionic and cationic bipolar amphiphiles and polyelectrolytes on charged surface," <i>Ber. Bunsenges. Phys. Chem.</i> 95: 1430-1434 (1991).	
MJ		DECHER, et al., "Proof of multilayer structural organization in self-assembled polycation-polyanion molecular films," <i>Thin Solid Films</i> 244: 772-777 (1994).	
MJ		GITSOV, et al., "Novel polyether copolymers consisting of linear and dendritic blocks," <i>Angew. Chem. Int. Ed. Engl.</i> 31: 1200-1202 (1992).	
MJ		HAMACHI, et al., "Immobilization of myoglobin in a multilayer film of two-dimensional polymer network," <i>Chem. Lett.</i> 2227-2230 (1991).	
MJ		HERBERT, et al., "Nerve growth from chick dorsal root ganglia entrapped within three-dimensional fibrin gels mixed with copolymers of poly(acrylic acid) and bioactive peptides," <i>Dissertation</i> (1996).	
MJ		HOOGEVEEN, et al., "Adsorption of charged block copolymers with two adsorbing blocks," <i>Faraday Discuss.</i> 98: 161-172 (1994).	
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MJ		HUBBELL, et al., "Endothelial cell-selective materials for tissue engineering in the vascular graft via a new receptor," <i>BioTechnol.</i> 9: 568-572 (1991).	
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MJ		ISHIHARA, et al., "Selective adhesion of platelets on a polyion complex composed of phospholipid polymers containing sulfonate groups and quaternary ammonium groups," <i>J. Biomed. Mater. Res.</i> 28: 1347-1355 (1994).	
MJ		KATAOKA, et al., "Differential attachment of lymphocyte subpopulations on poly(2-hydroxyethyl methacrylate)-graft-polyamine copolymers with different degrees of quaternization," <i>J. Colloid Interface Sci.</i> 180: 242-250 (1996).	
MJ		KOYO, et al., "Synthesis of novel types of segmented polyamineurea and polyamine-poly(ethylene oxide) block copolymer," <i>Polym. J.</i> 25: 141-152 (1993).	
MJ		PRATTEN, et al., "Micelle-forming block copolymers: pinocytosis by macrophages and interaction with model membranes," <i>Makromol. Chem.</i> 186: 725-733 (1985).	
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MJ		SITTINGER, et al., "Encapsulation of artificial tissues in polyelectrolyte complexes: preliminary studies," <i>Biomaterials</i> 17: 1049-1051 (1996).	
MJ		TAM, "Synthetic peptide vaccine design: synthesis and properties of a high-density multiple antigenic peptide system," <i>Proc. Natl. Acad. Sci. USA</i> 85: 5409-5413 (1988).	
MJ		TOMALIA & DURST, "Genealogically directed synthesis: starburst*/cascade dendrimers and hyperbranched structures," in <i>Supramolecular Chemistry I: Directed Synthesis and Molecular Recognition Topics in Current Chemistry</i> (Weber, ed.) Springer-Verlag: Berlin, pp. 193-1313 (1993).	
MJ		TRONIN, et al., "Ellipsometry and x-ray reflectometry characterization of self-assembly process of polystyrenesulfonate and polyallylamine," <i>Colloid Polym. Sci.</i> 272: 1317-1321 (1994).	

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MJ		WANG & HUANG, et al., "Synthesis of peg-dendrimeric peptide," <i>Chinese Chem. Lett.</i> 7: 693-694 (1996).	
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